

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 11

Complete If Known

Application Number	10/821,796
Filing Date	April 9, 2004
First Named Inventor	Kocon, Christopher Boguslaw
Art Unit	2811 2815
Examiner Name	Unassigned Wdj.
Attorney Docket Number	018865-011710US

**U.S. PATENT DOCUMENTS+**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
281	1	US-3,404,295	10-01-1968	Warner et al.	
	2	US-3,412,297	11-19-1968	Amlinger	
	3	US-3,497,777	02-24-1970	Teszner et al.	
	4	US-3,584,356	02-16-1971	Wilson	
	5	US-4,003,072	01-11-1977	Matsushita et al.	
	6	US-4,300,150	11-10-1981	Colak	
	7	US-4,326,332	04-27-1982	Kenney et al.	
	8	US-4,337,474	06-29-1982	Yukimoto	
	9	US-4,579,621	04-01-1986	Hine	
	10	US-4,636,281	01-13-1987	Buiguez et al.	
	11	US-4,638,344	01-20-1987	Cardwell, Jr.	
	12	US-4,639,761	01-27-1987	Singer et al.	
	13	US-4,698,653	10-06-1987	Cardwell, Jr.	
	14	US-4,716,126	12-29-1987	Cogan	
	15	US-4,746,630	05-24-1988	Hui et al.	
	16	US-4,754,310	06-28-1988	Coe	
	17	US-4,774,556	09-27-1988	Fujii et al.	
	18	US-4,801,986	01-31-1989	Chang et al.	
	19	US-4,821,095	04-11-1989	Temple	
	20	US-4,823,176	04-18-1989	Baliga et al.	
	21	US-4,853,345	08-01-1989	Himelick	
	22	US-4,868,624	09-19-1989	Grung et al.	
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	26	US-4,967,245	10-30-1990	Cogan et al.	
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	28	US-4,990,463	02-05-1991	Mori	
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	31	US-5,071,782	12-10-1991	Mori	
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	35	US 5,111,253	05-05-1992	Korman et al.	
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5-25-05

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number	10/821,796	
			Filing Date	April 9, 2004	
			First Named Inventor	Kocon, Christopher Boguslaw	
			Art Unit	2811 2815	
			Examiner Name	Unassigned WDJ.	
Sheet	2	of	11	Attorney Docket Number	018865-011710US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
EJ	42	US-5,233,215	08-03-1993	Baliga	
	43	US-5,262,336	11-16-1993	Pike, Jr. et al.	
	44	US-5,268,311	12-07-1993	Euen et al.	
	45	US-5,275,965	01-04-1994	Manning	
	46	US-5,294,824	03-15-1994	Okada	
	47	US-5,298,761	03-29-1994	Cogan et al.	
	48	US-5,300,447	04-05-1994	Anderson	
	49	US-5,326,711	07-05-1994	Malhi	
	50	US-5,350,937	09-27-1994	Yamazaki et al.	
	51	US-5,365,102	11-15-1994	Mehrotra et al.	
	52	US-5,366,914	11-22-1994	Takahashi et al.	
	53	US-5,389,815	02-14-1995	Takahashi	
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	55	US-5,418,376	05-23-1995	Muraoka et al.	
	56	US-5,424,231	06-13-1995	Yang	
	57	US-5,429,977	07-04-1995	Lu et al.	
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	59	US-5,430,324	07-04-1995	Bencuya	
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	66	US-5,474,943	12-12-1995	Hshieh et al.	
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	69	US-5,554,862	09-10-1996	Omura et al.	
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	73	US-5,576,245	11-19-1996	Cogan et al.	
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	75	US-5,581,100	12-03-1996	Ajit	
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	80	US-5,605,852	02-25-1997	Bencuya	
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EXAMINER Signature: EJ Date Considered: 5-27-05

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			First Named Inventor	Kocon, Christopher Boguslaw	
			Art Unit	2811 2815	
			Examiner Name	Unassigned Wqg.	
Sheet	3	of	11	Attorney Docket Number	018865-011710US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
EN	83	US-5,637,898	08-10-1997	Baliga	
	84	US-5,639,676	06-17-1997	Hshieh et al.	
	85	US-5,640,034	07-17-1997	Satwinder Malhi	
	86	US-5,648,670	07-15-1997	Blanchard	
	87	US-5,656,843	08-12-1997	Goodyear et al.	
	88	US-5,665,619	09-09-1997	Kwan et al.	
	89	US-5,670,803	09-23-1997	Beilstein, Jr. et al.	
	90	US-5,689,128	11-18-1997	Hshieh et al.	
	91	US-5,693,569	12-02-1997	Ueno	
	92	US-5,705,409	01-06-1998	Witek	
	93	US-5,710,072	01-20-1998	Krautschneider et al.	
	94	US-5,714,781	02-03-1998	Yamamoto et al.	
95	US-5,719,409	02-17-1998	Singh et al.		
96	US-5,770,878	06-23-1998	Beasom		
97	US-5,776,813	07-07-1998	Huang et al.		
98	US-5,780,343	07-14-1998	Bashir		
99	US-5,801,417	09-01-1998	Tsang et al.		
100	US-5,877,528	03-02-1999	So		
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102	US-5,879,994	03-09-1999	Kwan et al.		
103	US-5,895,951	04-20-1999	So et al.		
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105	US-5,897,343	04-27-1999	Mathew et al.		
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Examiner Signature: *EN* Date Considered: 5-25-05

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			First Named Inventor	Kocon, Christopher Boguslaw	
			Art Unit	2811 2815	
			Examiner Name	Unassigned WDJ	
Sheet	4	of	11	Attorney Docket Number	018865-011710US

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EON	124	US-6,011,298	01-04-2000	Blanchard	
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	126	US-6,020,250	02-01-2000	Kenny et al.	
	127	US-6,034,415	05-07-2000	Johnson et al.	
	128	US-6,037,202	03-14-2000	Witek	
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	131	US-6,040,600	03-21-2000	Uenishi et al.	
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	134	US-6,057,558	05-02-2000	Yamamoto et al.	
	135	US-6,063,678	05-16-2000	D'Anna	
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	137	US-6,066,878	05-23-2000	Neilson	
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	139	US-6,084,264	07-04-2000	Darwish	
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145	US-6,104,054	08-15-2000	Corsi et al.		
146	US-6,110,799	08-29-2000	Huang		
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154	US-6,168,983	01-02-2001	Rumennik et al.		
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156	US-6,171,935	01-09-2001	Nance et al.		
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159	US-6,184,545	02-06-2001	Werner et al.		
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161	US-6,188,104	02-13-2001	Choi et al.		
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Examiner Signature	EON	Date Considered	5-25-05
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EM	165	US-6,198,127	03-06-2001	Kocon	
	166	US-6,201,279	03-13-2001	Pfirsch	
	167	US-6,204,097	03-20-2001	Shen et al.	
	168	US-6,207,994	03-27-2001	Rumennik et al.	
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	170	US-6,225,649	05-01-2001	Minato	
	171	US-6,228,727	05-08-2001	Lim et al.	
	172	US-6,239,464	05-29-2001	Tsuchitani et al.	
	173	US-6,265,269	07-24-2001	Chen et al.	
	174	US-6,271,100	08-07-2001	Ballantine et al.	
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	176	US-6,271,562	08-07-2001	Deboy et al.	
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	187	US-6,309,920	10-30-2001	Laska et al.	
	188	US-6,313,482	11-06-2001	Ballga	
	189	US-6,326,656	12-04-2001	Tihanyi	
	190	US-6,337,499	01-08-2002	Werner	
	191	US-6,346,464	02-12-2002	Takeda et al.	
	192	US-6,346,469	02-12-2002	Greer	
	193	US-6,351,018	02-26-2002	Sapp	
	194	US-6,353,252	03-05-2002	Yasuhara et al.	
	195	US-6,359,308	03-19-2002	Hijzen et al.	
	196	US-6,362,112	03-26-2002	Hamerski	
	197	US-6,362,505	03-26-2002	Tihanyi	
	198	US-6,365,462	04-02-2002	Baliga	
	199	US-6,365,930	04-02-2002	Schillaci et al.	
	200	US-6,368,920	04-09-2002	Beasom	
	201	US-6,368,921	04-09-2002	Hijzen et al.	
	202	US-6,376,314	04-23-2002	Jerred	
	203	US-6,376,878	04-23-2002	Kocon	
EM	204	US-6,376,890	04-23-2002	Tihanyi	
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Examiner Signature	EM		Date Considered	5-25-05	

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<i>EN</i>	206	US-6,388,286	05-14-2002	Baliga	
	207	US-6,388,287	05-14-2002	Deboy et al.	
	208	US-6,400,003	06-04-2002	Huang	
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	210	US-6,433,385	08-13-2002	Kocon et al.	
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	212	US-6,437,399	08-20-2002	Huang	
	213	US-6,441,454	08-27-2002	Hijzen et al.	
	214	US-6,452,230	09-17-2002	Boden, Jr.	
	215	US-6,465,304	10-15-2002	Blanchard et al.	
	216	US-6,465,843	10-15-2002	Hirler et al.	
	217	US-6,465,869	10-15-2002	Ahlers et al.	
	218	US-6,472,708	10-29-2002	Hshieh et al.	
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	220	US-6,475,884	11-05-2002	Hshieh et al.	
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	222	US-6,479,352	11-12-2002	Blanchard	
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	237	US-2003/0132450 A1	07-17-2003	Minato et al.	
<i>EN</i>	238	US-2003/0193067 A1	10-16-2003	Kim	

Examiner Signature	<i>EN</i>	Date Considered	5-25-05
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60283240 v1

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete If Known</b>		
			Application Number	10/821,796	
			Filing Date	April 9, 2004	
			First Named Inventor	Kocon, Christopher Boguslaw	
			Art Unit	2811 2815	
Sheet	7	of	11	Examiner Name	Unassigned - WDJ
				Attorney Docket Number	018865-011710US

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
EOL	239	DE	4300806 C1	12-23-1993	Siemens AG		<input checked="" type="checkbox"/>
	240	DE	19736981 A1	08-20-1998	Mitsubishi Denki		<input checked="" type="checkbox"/>
	241	EP	0747967 B1	02-27-2002	ST Microelectronics Inc.		<input type="checkbox"/>
	242	EP	0975024 A2	01-02-2000	Fuji Electric Co. LTD.		<input type="checkbox"/>
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	249	JP	63-186475	08-02-1988	Nissan Motor Co. LTD.		<input checked="" type="checkbox"/>
	250	JP	63-288047	11-25-1988	Toshiba Corp.		<input checked="" type="checkbox"/>
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	257	JP	2001-015448	01-19-2001	Toshiba Corp.		<input checked="" type="checkbox"/>
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	261	JP	2001-135819 A	05-18-2001	Fuji Electric Co. LTD.		<input checked="" type="checkbox"/>
	262	JP	2001-144292 A	05-25-2001	Denso Corp.		<input checked="" type="checkbox"/>
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	264	JP	2001-313391 A	12-20-2001	S. Takahiro et al.		<input checked="" type="checkbox"/>
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266	PCT	WO 00/33386 A2	06-08-2000	Koninklijke Philips Electronics		<input type="checkbox"/>	
267	PCT	WO 00/68997 A1	11-16-2000	C.P. Clare Corporation		<input type="checkbox"/>	
268	PCT	WO 00/68998 A1	11-16-2000	C.P. Clare Corporation		<input type="checkbox"/>	
269	PCT	WO 00/75965 A2	12-14-2000	General Semiconductor, Inc.		<input type="checkbox"/>	
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273	PCT	WO 01/59847 A2	08-16-2001	Koninklijke Philips Electronics		<input type="checkbox"/>	

Examiner Signature	<i>EOL</i>	Date Considered	5-25-05
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60283240 v1

Substitute for form 1449A/PTO		<b>Complete If Known</b>			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/821,796		
		Filing Date	April 9, 2004		
		First Named Inventor	Kocon, Christopher Boguslaw		
		Art Unit	2811 2815		
		Examiner Name	Unassigned Woj.		
Sheet	8	of	11	Attorney Docket Number	018865-011710US

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>  Kind Code <sup>5</sup> (if known)				
EON	274	PCT	WO 01/71815	09-27-2001	Koninklijke Philips Electronics	/	<input type="checkbox"/>
	275	PCT	WO 01/95385 A1	12-13-2001	General Semiconductor, Inc.	/	<input type="checkbox"/>
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							<input type="checkbox"/>

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60283240 v1



Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/821,796		
		Filing Date	April 9, 2004		
		First Named Inventor	Kocon, Christopher Boguslaw		
		Art Unit	2811 2815		
		Examiner Name	Unassigned Wof		
Sheet	9	of	11	Attorney Docket Number	018865-011710US

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	280	BALIGA "New Concepts in Power Rectifiers," <i>Physics of Semiconductor Devices, Proceedings of the Third Int'l Workshop, Madras (India), Committee on Science and Technology in Developing Countries</i> (1985), pp. 471-481.	
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Substitute for form 1449B/PTO		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/821,796
		Filing Date	April 9, 2004
		First Named Inventor	Kocon, Christopher Boguslaw
		Art Unit	2811 <sup>2818</sup>
		Examiner Name	Unassigned <sup>Woj</sup>
Sheet	10	of	11
		Attorney Docket Number	018865-011710US

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EN	295	"IR develops CoolMOS™ -equivalent technology, positions it at the top of a 3-tiered line of new products for SMPS," International Rectifiers company information available at <a href="http://www.irf.com">http://www.irf.com</a> (1999) 3 pages total.	
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Examiner Signature	EN	Date Considered	5-25-05
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		Application Number	10/821,796		
		Filing Date	April 9, 2004		
		First Named Inventor	Kocon, Christopher Boguslaw		
		Art Unit	2815		
		Examiner Name	Unassigned Woj.		
Sheet	11	of	11	Attorney Docket Number	018865-011710US

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CH	311	Technical Literature from Quesler Technology, Model APT-4300 300mm Atmospheric TEOS/Ozone CVD System, (unknown date), 3 pages total.	
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Examiner Signature		Date Considered	5-25-05
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